

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| S1 | 335 | (438/483).CCLS. | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | OFF | 2008/06/12 16:19 |
| S2 | 66 | S1 and bonding | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 16:21 |
| S3 | 0 | (wafer with bond\$) and polish\$5 and (Si or SiC or AlN or BN) and (In or Ga or Al) and (saphire or InP or GaAs) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 17:10 |
| S4 | 1744 | (wafer with bond\$) and polish\$5 and (Si or SiC or AlN or BN) and (In or Ga or Al) and (saphire or InP or GaAs) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 17:10 |
| S5 | 1577 | (wafer with bond\$) and polish\$5 and (Si or SiC or AlN or BN) and (Ga or Al) and (saphire or InP or GaAs) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 17:15 |
| S6 | 486 | S5 and (support with substrate) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 17:22 |
| S7 | 1254 | (438/458).CCLS. | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | OFF | 2008/06/12 17:48 |
| S8 | 636 | S7 and bond\$5 and polish \$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 17:48 |
| S9 | 282 | S8 and (epitax\$5 with grow\$5) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 17:50 |
| S10 | 100 | ("4448636" "4774194" "4883561" "5374564" "5376580" "5413951" "5559043" "5836325" "5837561").PN. OR ("6071795").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/06/12 18:12 |

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|-----|------|--|---------------------------|----|----|------------------|
| S11 | 100 | ("4448636" "4774194" "4883561" "5374564" "5376580" "5413951" "5559043" "5836325" "5837561").PN. OR ("6071795").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/12 18:12 |
| S12 | 0 | (wafer with bondng) and eitax\$ and (support with substrate) and polish\$ and SiC and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 18:50 |
| S13 | 0 | (wafer with bond5) and epitax\$ and (support with substrate) and polish\$ and SiC and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 18:50 |
| S14 | 2 | (wafer with bond\$5) and epitax\$ and (support with substrate) and polish\$ and SiC and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 18:51 |
| S15 | 3 | (wafer with bond\$5) and epitax\$ and (support with substrate) and polish\$ and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 18:55 |
| S16 | 2273 | (wafer with bond\$5) and epitax\$ and polish\$ and (SiC or AlN or Bn or Si) and (Al or Ga) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 18:57 |
| S17 | 16 | S1 and (wafer with bond \$5) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 19:05 |
| S18 | 25 | S1 and (wafer same bond \$5) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 19:14 |
| S19 | 1807 | (wafer same bond\$5) and (CMP same (remov\$5 or split\$ or detach\$)) and (handle or support) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 19:24 |
| S20 | 1418 | (wafer same bond\$5) and (CMP same (remov\$5 or split\$ or detach\$)) and (Ga or Al) and (Sic or AlN or Bn or Si) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 19:31 |
| S21 | 769 | S20 and epitax\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/06/12 19:33 |
| S22 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/13 09:19 |
| S23 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/13 09:19 |
| S24 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/13 09:19 |

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| S25 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/13 09:19 |
| S26 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/13 09:25 |
| S27 | 1 | ("20020173120").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/06/13 11:26 |
| S28 | 0 | JP-06349731-\$ did | DERWENT | OR | ON | 2008/06/13 12:08 |
| S29 | 64450 | Mori anear Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:09 |
| S30 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:09 |
| S31 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:09 |
| S32 | 338 | Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:10 |
| S33 | 1 | S32 and hybrid | DERWENT | OR | ON | 2008/06/13 12:10 |
| S34 | 1 | S32 and hybrid | JPO; DERWENT | OR | ON | 2008/06/13 12:10 |
| S35 | 520 | Mori near Kazuo.in. | JPO; DERWENT | OR | ON | 2008/06/13 12:11 |
| S36 | 4 | S35 and hybrid | JPO; DERWENT | OR | ON | 2008/06/13 12:11 |
| S37 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:27 |
| S38 | 338 | Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:27 |
| S39 | 61581 | Mori.in. | DERWENT | OR | ON | 2008/06/13 12:29 |
| S40 | 185 | S39 and hybrid | DERWENT | OR | ON | 2008/06/13 12:29 |
| S41 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:31 |
| S42 | 338 | Kazuo.in. | DERWENT | OR | ON | 2008/06/13 12:31 |
| S43 | 185 | S39 and hybrid | DERWENT | OR | ON | 2008/06/13 12:31 |
| S44 | 36 | S39 and (manufacture and hybrid) | DERWENT | OR | ON | 2008/06/13 12:32 |
| S45 | 1 | ("20060199353").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/06/13 13:12 |
| S46 | 394 | (438/483).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/03/23 12:46 |

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| S47 | 82 | S46 and bonding | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S48 | 0 | (wafer with bond\$) and polish\$5 and (Si or SiC or AlN or BN) and (In or Ga or Al) and (saphire or InP or GaAs) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S49 | 2021 | (wafer with bond\$) and polish\$5 and (Si or SiC or AlN or BN) and (In or Ga or Al) and (saphire or InP or GaAs) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S50 | 1831 | (wafer with bond\$) and polish\$5 and (Si or SiC or AlN or BN) and (Ga or Al) and (saphire or InP or GaAs) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S51 | 572 | S50 and (support with substrate) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S52 | 1434 | (438/458).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/03/23 12:46 |
| S53 | 758 | S52 and bond\$5 and polish\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S54 | 330 | S53 and (epitax\$5 with grow\$5) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S55 | 120 | ("4448636" "4774194" "4883561" "5374564" "5376580" "5413951" "5559043" "5836325" "5837561").PN. OR ("6071795").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:46 |
| S56 | 120 | ("4448636" "4774194" "4883561" "5374564" "5376580" "5413951" "5559043" "5836325" "5837561").PN. OR ("6071795").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:46 |
| S57 | 0 | (wafer with bondng) and eitax\$ and (support with substrate) and polish\$ and SiC and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S58 | 0 | (wafer with bond5) and epitax\$ and (support with substrate) and polish\$ and SiC and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |

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| S59 | 2 | (wafer with bond\$5) and epitax\$ and (support with substrate) and polish\$ and SiC and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S60 | 3 | (wafer with bond\$5) and epitax\$ and (support with substrate) and polish\$ and saphire | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S61 | 2627 | (wafer with bond\$5) and epitax\$ and polish\$ and (SiC or AlN or Bn or Si) and (Al or Ga) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S62 | 21 | S46 and (wafer with bond \$5) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S63 | 33 | S46 and (wafer same bond\$5) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S64 | 2134 | (wafer same bond\$5) and (CMP same (remov\$5 or split\$ or detach\$)) and (handle or support) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S65 | 1697 | (wafer same bond\$5) and (CMP same (remov\$5 or split\$ or detach\$)) and (Ga or Al) and (Sic or AlN or Bn or Si) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S66 | 952 | S65 and epitax\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/23 12:46 |
| S67 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:46 |
| S68 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:46 |
| S69 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:46 |
| S70 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:46 |
| S71 | 1 | ("20030164503").PN. OR ("7253013").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:46 |
| S72 | 1 | ("20020173120").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/03/23 12:46 |
| S73 | 0 | JP-06349731-.did | DERWENT | OR | ON | 2009/03/23 12:46 |
| S74 | 67257 | Mori anear Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S75 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |

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| S76 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S77 | 403 | Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S78 | 1 | S77 and hybrid | DERWENT | OR | ON | 2009/03/23 12:46 |
| S79 | 1 | S77 and hybrid | JPO; DERWENT | OR | ON | 2009/03/23 12:46 |
| S80 | 535 | Mori near Kazuo.in. | JPO; DERWENT | OR | ON | 2009/03/23 12:46 |
| S81 | 4 | S80 and hybrid | JPO; DERWENT | OR | ON | 2009/03/23 12:46 |
| S82 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S83 | 403 | Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S84 | 64118 | Mori.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S85 | 220 | S84 and hybrid | DERWENT | OR | ON | 2009/03/23 12:46 |
| S86 | 0 | Mori near Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S87 | 403 | Kazuo.in. | DERWENT | OR | ON | 2009/03/23 12:46 |
| S88 | 220 | S84 and hybrid | DERWENT | OR | ON | 2009/03/23 12:46 |
| S89 | 37 | S84 and (manufacture and hybrid) | DERWENT | OR | ON | 2009/03/23 12:46 |
| S90 | 1 | ("20060199353").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/03/23 12:46 |
| S91 | 47 | ("20030190794" "20050124137" "20050148122" "20060019466" "4779108" "5331333" "5371037" "5439843" "5528057" "5712199" "5750000" "5755914" "5763288" "5811348" "5840616" "5854123" "5856229" "5868947" "5970361" "6106613" "6140209" "6143628" "6150031" "6156624" "6190937" "6211038" "6258698" "6306729" "6326279" "6331208" "6382292" "6391743" "6426274" "6429095" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/14 18:28 |

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| | | "6452091" "6475323" "6503778" "6566235" "6613678" "6639327" "6677183" "6746559" "6756289" "6891578" "6972215" "7015507" "7029950"). PN. | | | | |
| S92 | 433 | (438/483).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/10/14 19:04 |
| S93 | 203 | S92 and (@ay<"2004") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/14 19:04 |
| S94 | 1984 | (438/455).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/10/15 10:48 |
| S95 | 1015 | S94 and (@ay<"2004") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/15 10:49 |
| S96 | 311 | S95 and (thermal\$ same conduct\$) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/15 11:22 |
| S97 | 131 | S95 and (thermal\$ same conduct\$) and epitax\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/15 12:57 |
| S98 | 41 | ("4469527" "5880491" "5985687" "6071795"). PN. OR ("6365429"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 14:15 |
| S99 | 18 | ("20020195606" "20060118820" "5578839" "6078064" "6107644" "6365429" "6455340" "6456640" "6617261" "6744800" "6757314" "6864502" "6865202" "6875627" "6875629" "6881601" "6898226" "6949140"). PN. OR ("7547925"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 14:29 |
| S100 | 921 | henley.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/15 15:25 |
| S101 | 99 | S100 and (thermal\$ same conduct\$) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/15 15:25 |
| S102 | 1 | ("6757314").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/10/15 15:29 |

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|------|----|-----------------|--|----|-----|---------------------|
| S103 | :1 | ("4040849").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/10/15 15:41 |
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EAST Search History (Interference)

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10/15/2009 5:56:12 PM

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